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BASIC FOREST STATISTICS for the UNITED STATES as of January 1945

Tables 1-6 and Table 10 Contain Revised Data for Six States Covered by the Forest Survey Since 1945

FOREST SERVICE

UNITED STATES DEPARTMENT OF AGRICULTURE

WASHINGTON

0-22R

SEPTEMBER 1950

C O N T E N T S

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Table 1.- Land Area of the United States, by Major Uses, and by State and Region 1/

State and Region	Total land area	Forest Land					Crop land in farms	Pasture and range 5/			Other 5/
		Total	Commercial 2/	Non-commercial				Total	In farms	Not in farms	
				Total	Withdrawn 3/	Other values 4/					
	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres
New England											
Connecticut	3,135	1,907	1,900	7	7	-	642	117	117	-	469
Maine	19,866	16,788	16,665	123	103	20	1,589	352	352	-	1,137
Massachusetts	5,060	3,310	3,297	13	12	1	788	234	234	-	728
New Hampshire 7/	5,775	4,848	4,682	166	25	141	461	280	280	-	186
Rhode Island	677	452	447	5	5	-	93	13	13	-	119
Vermont	5,938	3,835	3,820	15	-	15	1,478	446	446	-	179
Total	40,451	31,140	30,811	329	152	177	5,051	1,442	1,442	-	2,818
Middle Atlantic											
Delaware	1,266	442	442	-	-	-	570	24	24	-	230
Maryland	8/ 6,367	2,742	2,722	20	18	2	2,585	178	178	-	8/ 862
New Jersey	4,814	2,348	2,329	19	17	2	1,157	157	157	-	1,152
New York	30,675	13,500	11,114	2,386	2,358	28	10,237	3,951	3,951	-	2,987
Pennsylvania	28,829	15,228	15,127	101	96	5	9,240	1,469	1,469	-	2,892
West Virginia	15,418	9,954	9,852	102	-	102	3,861	771	771	-	832
Total	87,369	44,214	41,586	2,628	2,489	139	27,650	6,550	6,550	-	8,955
Lake											
Michigan	36,494	19,000	17,380	1,620	552	1,068	11,899	1,259	1,259	-	4,336
Minnesota	51,206	19,700	16,700	3,000	500	2,500	22,974	2,523	2,382	141	6,009
Wisconsin	35,018	17,000	16,265	735	86	649	13,038	2,245	2,240	5	2,735
Total	122,718	55,700	50,345	5,355	1,138	4,217	47,911	6,027	5,881	146	13,080
Central											
Illinois 7/	35,806	3,996	3,941	55	54	1	21,433	5,054	5,054	-	5,323
Indiana	23,171	3,445	3,358	87	87	-	14,650	1,021	1,021	-	4,055
Iowa	35,831	2,248	2,226	22	22	-	27,548	2,784	2,784	-	3,251
Kentucky	25,670	11,857	11,694	163	80	83	11,200	874	874	-	1,739
Missouri 7/	44,333	15,187	15,074	113	37	76	13,941	12,553	12,553	-	2,652
Ohio	26,318	4,831	4,779	52	52	-	15,658	3,011	3,011	-	2,818
Total	191,129	41,564	41,072	492	332	160	104,430	25,297	25,297	-	19,838
Plains											
Kansas	52,552	1,121	1,011	110	10	100	34,193	16,638	12,473	4,165	600
Nebraska	49,058	1,112	987	125	25	100	25,415	21,931	18,942	2,989	600
North Dakota	44,835	621	470	151	15	136	27,101	13,324	7,954	5,370	3,789
Oklahoma(West) 9/	38,250	6,326	-	6,326	-	6,326	18,423	11,706	8,831	2,875	1,795
South Dakota(East) 10/	45,244	662	618	44	-	44	22,541	21,641	12,288	9,353	400
Texas(West)9/	150,077	25,986	240	25,746	4	25,742	40,921	75,743	64,163	11,580	7,427
Total	380,016	35,828	3,326	32,502	54	32,448	168,594	160,983	124,651	36,332	14,611
North	821,683	208,446	167,140	41,306	4,165	37,141	353,636	200,299	163,821	36,478	59,302
South Atlantic											
North Carolina	31,451	18,400	17,997	403	332	71	8,422	909	909	-	3,720
South Carolina 7/	19,528	11,943	11,900	43	40	3	4,949	866	866	-	1,570
Virginia	25,535	14,832	14,377	455	271	184	7,962	1,036	1,036	-	1,705
Total	76,314	45,175	44,274	901	643	258	21,333	2,811	2,811	-	6,995
Southeast											
Alabama	32,690	18,878	18,800	78	61	17	10,397	621	621	-	2,794
Florida 7/	34,479	23,047	21,451	1,596	46	1,550	2,315	4,568	4,568	-	4,549
Georgia	37,452	21,432	21,107	325	227	98	11,690	732	732	-	3,598
Mississippi 7/	30,349	16,533	16,509	24	24	-	7,436	4,233	4,233	-	2,147
Tennessee	26,855	12,165	11,850	315	254	61	11,159	1,622	1,622	-	1,909
Total	161,825	92,055	89,717	2,338	612	1,726	42,997	11,776	11,776	-	14,997
West Gulf											
Arkansas	33,744	20,036	19,928	108	16	92	10,190	715	715	-	2,803
Louisiana	28,915	16,196	16,169	27	10	17	6,038	806	408	398	5,873
Oklahoma (East)9/	6,091	4,320	4,308	12	7	5	1,238	135	135	-	398
Texas (East) 9/	18,653	10,567	10,548	19	4	15	5,340	850	850	-	1,898
Total	87,403	51,119	50,953	166	37	129	22,806	2,506	2,108	398	10,972
South	325,542	188,349	184,944	3,405	1,292	2,113	87,136	17,093	16,695	398	32,964
Pacific Northwest											
Douglas-fir subregion	35,119	29,145	26,027	3,118	1,032	2,086	2,749	1,576	1,533	43	1,649
Pine subregion	69,410	24,710	20,177	4,533	472	4,061	9,686	34,335	12,579	21,756	679
Total	104,529	53,855	46,204	7,651	1,504	6,147	12,435	35,911	14,112	21,799	2,328
Oregon	61,664	29,755	26,330	3,425	448	2,977	5,255	25,888	8,866	17,022	766
Washington	42,865	24,100	19,874	4,226	1,056	3,170	7,180	10,023	5,246	4,777	1,562
Total	104,529	53,855	46,204	7,651	1,504	6,147	12,435	35,911	14,112	21,799	2,328
California	100,354	45,515	16,405	29,110	705	28,405	11,899	15,366	9,373	5,993	27,574
North Rocky Mountain											
Idaho	52,997	18,813	10,149	8,664	269	8,395	4,708	28,185	3,793	24,392	1,291
Montana	93,642	24,238	14,758	9,480	673	8,807	14,789	52,751	28,628	24,123	1,864
South Dakota(West) 10/	3,739	1,317	1,147	170	65	105	628	1,755	1,270	485	39
Wyoming	62,404	8,878	3,012	5,866	1,869	3,997	3,513	48,942	23,746	25,196	1,071
Total	212,782	53,246	29,066	24,180	2,876	21,304	23,638	131,633	57,437	74,196	4,265
South Rocky Mountain											
Arizona	72,691	19,538	2,815	16,723	332	16,391	993	48,866	11,842	37,024	3,294
Colorado	66,539	19,902	7,874	12,028	800	11,228	12,899	32,478	15,601	16,877	1,260
Nevada	70,273	4,720	98	4,622	-	4,622	862	58,789	2,636	56,153	5,902
New Mexico	77,767	20,001	3,465	16,536	710	15,826	4,573	52,627	26,445	26,182	566
Utah	52,701	8,494	1,530	6,964	41	6,923	1,762	36,465	4,908	31,557	5,980
Total	339,971	72,655	15,782	56,873	1,883	54,990	21,089	229,225	61,432	167,793	17,002
West	757,636	225,271	107,457	117,814	6,968	110,846	69,061	412,135	142,354	269,781	51,169
All Regions	1,904,861	622,066	459,541	162,525	12,425	150,100	509,833	629,527	322,870	306,657	143,435

1/ Prepared by Forest Service, U.S. Department of Agriculture. Status beginning of 1945, except for States footnoted 7/.
2/ Land capable of producing timber of commercial quantity and quality, and available now or prospectively for commercial use.
3/ Commercially valuable land in parks, preserves, etc., withdrawn from timber use.
4/ Land chiefly valuable for purposes other than timber production, such as oak-cedar breaks of Texas and Oklahoma, mosquito, pinon-juniper in the West, chaparral in southern California, remote and inaccessible alpine ranges, and other areas which appear to be permanently out of the commercial timber-producing class because of low productivity or extreme inaccessibility. About half is publicly owned. Much of the area has an important value in protecting the watersheds of navigable streams, preventing or reducing soil erosion, protecting wildlife, providing game cover, etc.
5/ Exclusive of that in forest land.
6/ Farmsteads, roads, urban, waste, etc.
7/ Data from Forest Survey as follows: Missouri, Mississippi and South Carolina 1947; Illinois and New Hampshire 1948; Florida 1949. Data on crop and pasture lands from 1945 Census of Agriculture.
8/ Includes District of Columbia, 39 M acres.
9/ Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.
10/ Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in North Rocky Mountain.

Revised September 1950.

Table 2.-Area of Commercial Forest of the United States by Character of Growth, by State and Region 1/

State and Region	Total		Saw-timber area 2/			Pole timber area 3/	Seedling & Sapling area 4/	Poorly stocked seedling and sapling, and denuded area 5/
			Total	Virgin growth	Second growth			
	Thousand acres	Percent	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres
New England								
Connecticut	1,900	0.41	403	-	403	874	390	233
Maine	16,665	3.62	9,339	150	9,189	3,630	2,275	1,421
Massachusetts	3,297	.72	932	2	930	968	874	523
New Hampshire 6/	4,692	1.02	1,808	-	1,808	1,736	512	626
Rhode Island	447	.10	28	-	28	100	255	64
Vermont	3,820	.83	1,604	16	1,588	1,145	600	471
Total	30,811	6.70	14,114	168	13,946	8,453	4,906	3,338
Middle Atlantic								
Delaware	442	.10	202	2	200	106	89	45
Maryland	2,722	.59	852	4	848	860	635	375
New Jersey	2,329	.51	425	2	423	728	766	410
New York	11,114	2.42	5,376	49	5,327	2,641	1,597	1,500
Pennsylvania	15,127	3.29	3,745	20	3,725	4,892	3,208	3,282
West Virginia	9,852	2.14	4,213	84	4,129	3,487	1,905	247
Total	41,586	9.05	14,813	161	14,652	12,714	8,200	5,859
Lake								
Michigan	17,380	3.78	2,770	1,125	1,645	3,735	7,075	3,800
Minnesota	16,700	3.64	1,600	260	1,340	2,900	7,200	5,000
Wisconsin	16,265	3.54	2,100	125	1,975	2,870	6,205	5,090
Total	50,345	10.96	6,470	1,510	4,960	9,505	20,480	13,890
Central								
Illinois 6/	3,941	.86	1,824	-	1,824	983	729	405
Indiana	3,358	.73	1,448	-	1,448	739	747	424
Iowa	2,226	.48	1,168	-	1,168	379	355	324
Kentucky	11,694	2.55	4,218	145	4,073	4,750	1,150	1,576
Missouri 6/	15,074	3.28	2,034	-	2,034	6,481	4,782	1,777
Ohio	4,779	1.04	2,079	-	2,079	1,194	698	808
Total	41,072	8.94	12,771	145	12,626	14,526	8,461	5,314
Plains								
Kansas	1,011	.22	450	100	350	350	100	111
Nebraska	987	.21	321	75	246	326	160	180
North Dakota	470	.10	110	-	110	80	140	140
Oklahoma(West)7/	-	-	-	-	-	-	-	-
South Dakota(East)8/	618	.14	151	25	126	205	105	157
Texas(West)7/	240	.05	50	-	50	100	40	50
Total	3,326	.72	1,082	200	882	1,061	545	638
North	167,140	36.37	49,250	2,184	47,066	46,259	42,892	29,039
South Atlantic								
North Carolina	17,997	3.92	9,588	-	9,588	2,750	3,834	1,825
South Carolina 6/	11,900	2.59	5,042	-	5,042	3,068	2,901	889
Virginia	14,377	3.13	7,138	-	7,138	3,254	3,208	777
Total	44,274	9.64	21,768	-	21,768	9,072	9,943	3,491
Southeast								
Alabama	18,800	4.09	10,151	80	10,071	2,383	2,784	3,482
Florida 6/	21,451	4.67	3,233	-	3,233	3,530	2,296	12,392
Georgia	21,107	4.59	11,402	150	11,252	4,273	1,027	4,405
Mississippi 6/	16,509	3.59	5,945	-	5,945	6,406	2,258	1,900
Tennessee	11,850	2.58	6,566	-	6,566	2,372	2,141	771
Total	89,717	19.52	37,297	230	37,067	18,964	10,506	22,950
West Gulf								
Arkansas	19,928	4.34	12,827	180	12,647	2,877	2,127	2,097
Louisiana	16,169	3.52	10,041	189	9,852	1,502	1,400	3,226
Oklahoma(East)7/	4,308	.94	2,059	25	2,034	830	297	1,122
Texas(East)7/	10,548	2.30	7,059	143	6,916	1,049	902	1,538
Total	50,953	11.10	31,986	537	31,449	6,258	4,726	7,983
South	184,944	40.26	91,051	767	90,284	34,294	25,175	34,424
Pacific Northwest								
Douglas-fir subregion	26,027	5.66	13,158	9,348	3,810	4,394	3,040	5,435
Pine subregion	20,177	4.39	13,140	9,171	3,969	3,107	3,115	815
Total	46,204	10.05	26,298	18,519	7,779	7,501	6,155	6,250
Oregon	26,330	5.73	16,714	11,904	4,810	3,957	2,512	3,147
Washington	19,874	4.32	9,584	6,615	2,969	3,544	3,643	3,103
Total	46,204	10.05	26,298	18,519	7,779	7,501	6,155	6,250
California	16,405	3.57	10,897	8,400	2,497	3,398	53	2,057
North Rocky Mountain								
Idaho	10,149	2.21	4,766	2,236	2,530	2,255	2,078	1,050
Montana	14,758	3.21	4,948	3,445	1,503	6,638	2,689	483
South Dakota(West)8/	1,147	.25	629	367	262	259	201	58
Wyoming	3,012	.65	1,648	1,244	404	761	556	47
Total	29,066	6.32	11,991	7,292	4,699	9,913	5,524	1,638
South Rocky Mountain								
Arizona	2,815	.61	2,569	1,969	600	176	45	25
Colorado	7,874	1.71	3,376	2,324	1,052	2,622	962	914
Nevada	98	.02	40	31	9	56	2	-
New Mexico	3,465	.76	2,194	1,834	360	422	450	399
Utah	1,530	.33	1,238	987	251	158	118	16
Total	15,782	3.43	9,417	7,145	2,272	3,434	1,577	1,354
West	107,457	23.37	58,603	41,356	17,247	24,246	13,309	11,299
All Regions	459,541	100.00	198,904	44,307	154,597	104,799	81,076	74,762

1/ Prepared by Forest Service, U.S. Department of Agriculture. Status beginning of 1945 except as footnoted 6/. Includes land capable of producing timber of commercial quantity and quality, and available now or prospectively for commercial use.

2/ Includes areas characterized by timber large enough for sawlogs (lumber) regardless of its actual use, and in sufficient volume per acre for economic operation, both in accordance with the practice of the region. Virgin sawtimber includes mature or overmature forests not seriously disturbed by cutting or fire, insect and disease infestations, or other natural causes, and generally characterized by the absence of any net growth; and mature and overmature forests so lightly cut or otherwise disturbed as not to make any material change in the original forest canopy or the quality of the original stand, or to induce net growth in any appreciable amount. Second-growth sawtimber includes forests which have been cut over or which have been so disturbed by fire, insects or disease, windstorms, or other natural causes that net growth occurs and they no longer qualify as virgin forests. Minimum specifications are as follows: New Hampshire, Illinois, Missouri, South Carolina, Florida and Mississippi 1500 board feet per acre in softwood trees 9" D.B.H. and larger, and in hardwood trees 11" D.B.H. and larger; other states in New England and Middle Atlantic: 2000 board feet per acre in softwood types 9" D.B.H. and larger and 11" D.B.H. and larger in hardwoods; Lake and Plains: 2000 board feet per acre in trees 9" D.B.H. and larger; Central: 1000 board feet per acre in trees 10" D.B.H. and larger; South Atlantic, Southeast, West Gulf: at least 600 board feet per acre in trees 9" D.B.H. and larger of pine and cypress, and 13" and larger of hardwoods; Pacific Northwest (Pine subregion), North Rocky Mountain, South Rocky Mountain: In pine type, at least 3000 board feet per acre in trees 11" D.B.H. and larger of pine, cedar, cottonwood and 13" and larger of fir and hemlock; in fir type, 5000 board feet per acre in trees 11" D.B.H. and larger; Pacific Northwest (Douglas-fir subregion): 5000 board feet per acre in trees 15" D.B.H. and larger; California: East side, 4000 board feet per acre in trees 12" D.B.H. and larger; West side, 7500 board feet per acre in trees 12" D.B.H. and larger; Redwood, 10,000 board feet per acre in trees 24" D.B.H. and larger.

3/ Pole timber areas are characterized by timber too small for sawlog but not large enough for cordwood (5" D.B.H. and larger) regardless of whether the stand is cut for this use or held for sawtimber. Timber of polewood size or larger must occupy more than 10 percent of the growing space. For the East generally, a minimum volume of 2 cords per acre was set; does not include noncommercial woodland, even though subject to some cordwood cutting.

4/ Seedling and sapling areas are those on which at least 40 percent of the growing space is occupied by commerical species predominantly below poletimber size and below minimum volume per acre for sawtimber or pole timber.

5/ Poorly stocked seedling and saplings and denuded areas include lands that do not qualify in any previous class.

6/ Data from Forest Survey as follows: Missouri, Mississippi and South Carolina 1947; Illinois and New Hampshire 1948; Florida 1949.

7/ West and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.

8/ Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in North Rocky Mountain region.

Table 3.— Board-foot Volume of Saw Timber on Commercial Forest Land in the United States, by Softwoods and Hardwoods, and by Virgin and Second-growth Saw Timber and Other Areas; All by State and Region 1/

State and Region	Total		Softwoods	Hardwoods	On saw-timber areas		On other than saw-timber areas
					On virgin areas	On second-growth areas	
	Million board feet	Percent	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
New England:							
Connecticut	1,642	0.10	258	1,384	...	1,111	531
Maine	36,787	2.27	24,279	12,508	525	31,912	4,350
Massachusetts	4,670	.29	1,946	2,724	15	3,867	788
New Hampshire 2/	9,713	.60	5,911	3,802	...	8,125	1,588
Rhode Island	153	.01	22	131	...	69	84
Vermont	7,335	.46	3,354	4,001	98	5,907	1,330
Total	60,300	3.73	35,750	24,550	638	50,991	8,671
Middle Atlantic:							
Delaware	1,185	.07	519	664	25	1,029	129
Maryland	4,030	.25	1,779	2,251	37	3,053	940
New Jersey	2,188	.14	783	1,405	25	1,362	801
New York	25,279	1.56	6,926	18,353	329	21,088	3,862
Pennsylvania	20,582	1.27	3,087	17,495	162	13,406	7,014
West Virginia	8,785	.55	923	7,860	619	7,521	645
Total	62,045	3.84	14,017	48,028	1,197	47,459	13,389
Lake:							
Michigan	24,140	1.49	7,400	16,740	13,550	7,500	3,090
Minnesota	11,590	.72	4,940	6,650	2,020	5,560	4,010
Wisconsin	14,980	.93	3,330	11,650	1,820	10,220	2,940
Total	50,710	3.14	15,670	35,040	17,390	23,280	10,040
Central:							
Illinois 2/	10,346	.64	40	10,306	...	9,125	1,221
Indiana	6,175	.38	6	6,169	...	5,773	402
Iowa	5,344	.33	43	5,301	...	4,842	502
Kentucky	12,392	.77	1,611	10,781	797	10,356	1,259
Missouri 2/	11,898	.74	729	11,169	...	5,776	6,122
Ohio	9,135	.56	73	9,062	...	8,704	431
Total	55,290	3.42	2,502	52,788	797	44,576	9,917
Plains:							
Kansas	2,880	.18	...	2,880	600	1,800	480
Nebraska	1,500	.09	300	1,200	360	660	480
North Dakota	434	.03	20	414	...	344	90
Oklahoma (West) 3/	...	...	...	...	...	...	...
South Dakota (East) 4/	720	.04	96	624	120	480	120
Texas (West) 3/	196	.01	52	144	...	142	54
Total	5,730	.35	468	5,262	1,080	3,426	1,224
North:	234,075	14.48	68,407	165,668	21,102	169,752	43,241
South Atlantic:							
North Carolina	42,241	2.61	27,962	14,279	...	40,109	2,132
South Carolina 2/	29,523	1.83	17,560	11,963	...	25,696	3,827
Virginia	25,320	1.57	12,002	13,318	...	21,644	3,676
Total	97,084	6.01	57,524	39,560	...	87,449	9,635
Southeast:							
Alabama	33,361	2.06	20,681	12,680	694	30,482	2,185
Florida 2/	20,594	1.27	15,877	4,717	...	13,517	7,077
Georgia	40,543	2.51	28,941	11,602	2,005	36,121	2,417
Mississippi 2/	29,328	1.81	12,379	16,949	...	23,904	5,424
Tennessee	14,222	.88	2,916	11,306	...	13,254	968
Total	138,048	8.53	80,794	57,254	2,699	117,278	18,071
West Gulf:							
Arkansas	37,528	2.32	22,315	15,213	2,080	33,940	1,508
Louisiana	36,895	2.28	13,930	22,965	2,492	33,184	1,219
Oklahoma (East) 3/	3,048	.19	2,044	1,004	234	2,497	317
Texas (East) 3/	27,488	1.70	19,183	8,305	2,137	24,534	817
Total	104,959	6.49	57,472	47,487	6,943	94,155	3,861
South:	340,091	21.03	195,790	144,301	9,642	298,882	31,567
Pacific Northwest:							
Douglas-fir subregion	504,951	31.23	501,065	3,866	408,271	93,811	2,849
Pine subregion	125,965	7.79	125,876	87	104,878	17,895	3,190
Total	630,894	39.02	626,941	3,953	513,149	111,706	6,039
Oregon	381,389	23.59	378,577	2,812	307,288	71,913	2,188
Washington	249,505	15.43	248,364	1,141	205,861	39,793	3,851
Total	630,894	39.02	626,941	3,953	513,149	111,706	6,039
California	227,565	14.07	227,565	...	180,082	32,624	14,859
North Rocky Mountain:							
Idaho	60,796	3.76	60,764	32	27,078	28,076	5,642
Montana	52,515	3.25	52,112	403	32,020	12,531	7,964
South Dakota (West) 4/	2,866	.18	2,866	...	1,249	1,333	284
Wyoming	11,052	.68	10,551	501	9,463	1,272	317
Total	127,229	7.87	126,293	936	69,810	43,212	14,207
South Rocky Mountain:							
Arizona	16,270	1.01	16,270	...	14,265	1,787	218
Colorado	27,658	1.71	26,742	916	18,727	4,860	4,071
Nevada	367	.02	367	...	287	35	45
New Mexico	8,471	.53	8,471	...	7,134	871	466
Utah	4,102	.26	4,102	...	3,627	405	70
Total	56,868	3.53	55,952	916	44,040	7,958	4,870
West:	1,042,556	64.49	1,036,751	5,805	807,081	195,500	39,975
All regions:	1,616,722	100.0	1,300,948	315,774	857,825	664,114	114,785

1/ Prepared by Forest Service, U.S. Dept. of Agr. Status beginning of 1945, except as footnoted 2/. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of the actual use, in accordance with the practice of the region. Volumes are on lumber-tally basis. Minimum sizes of saw-timber trees: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" D.B.H. for hardwoods; Lake, Plains: 9" D.B.H.; Central: Illinois and Missouri 9" D.B.H. for softwoods and 11" D.B.H. for hardwoods, other states 10" D.B.H.; South Atlantic, Southeast, West Gulf: Florida, South Carolina and Mississippi 9" D.B.H. for softwoods and 11" for hardwoods, other states 9" D.B.H. for pine and cypress and 13" for hardwoods; Pacific Northwest (pine subregion), North Rocky Mountain, South Rocky Mountain: In the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H.; Pacific Northwest (Douglas-fir subregion): 15" D.B.H.; California: All except redwood type, 12" D.B.H.; redwood type, 24" D.B.H. Virgin growth includes mature or overmature forests not seriously disturbed by cutting or by fire, insects and disease infestations, or other natural causes, and generally characterized by the absence of any net growth; and mature or overmature forests so lightly cut or otherwise disturbed as not to make any material change in the original forest canopy or the quality of the original stand, or to induce net growth in any appreciable amount. Second growth includes forests which have been cut over or which have been so disturbed by fire, insects, or disease, windstorms, or other natural causes that net growth occurs and they no longer qualify as virgin forests.

2/ Data from Forest Survey as follows: Missouri, Mississippi and South Carolina 1947; Illinois and New Hampshire 1948; Florida 1949.

3/ Volume in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

4/ Volume in eastern and central portions of South Dakota included in the Plains; that in southwestern portion (Black Hills) included in North Rocky Mountain region.

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Table 4.--Cubic-foot Volume of Softwoods and Hardwoods on Commercial Forest Land in the United States, by Size of Trees and by State and Region. 1/

State and Region	All timber				Saw-timber trees 2/			Pole-timber trees 3/		
	Total		Softwood	Hardwood	Total	Softwood	Hardwood	Total	Softwood	Hardwood
	Million Cubic feet	Percent	Million Cubic feet	Million Cubic feet	Million Cubic feet	Million Cubic feet	Million Cubic feet	Million Cubic feet	Million Cubic feet	Million Cubic feet
New England										
Connecticut	967	0.21	121	846	448	52	396	519	69	450
Maine	15,046	3.21	7,803	7,243	8,237	4,856	3,381	6,809	2,947	3,862
Massachusetts	2,194	.47	661	1,533	1,105	388	717	1,089	273	816
New Hampshire 4/	3,823	.82	1,892	1,931	2,009	1,194	815	1,814	698	1,116
Rhode Island	120	.02	17	103	42	4	38	78	13	65
Vermont	2,921	.62	1,291	1,630	1,667	667	1,000	1,254	624	630
Total	25,071	5.35	11,785	13,286	13,508	7,161	6,347	11,563	4,624	6,939
Middle Atlantic										
Delaware	441	.09	167	274	270	104	166	171	63	108
Maryland	1,859	.40	690	1,169	933	356	577	926	334	592
New Jersey	1,210	.26	370	840	526	157	369	684	213	471
New York	9,668	2.06	2,533	7,135	5,861	1,385	4,476	3,807	1,148	2,659
Pennsylvania	9,570	2.04	1,161	8,409	5,346	617	4,729	4,224	544	3,680
West Virginia	4,611	.98	455	4,156	2,295	212	2,083	2,316	243	2,073
Total	27,359	5.83	5,376	21,983	15,231	2,831	12,400	12,128	2,545	9,583
Lake										
Michigan	10,300	2.20	3,300	7,000	6,500	2,000	4,500	3,800	1,300	2,500
Minnesota	5,900	1.26	2,400	3,500	3,100	1,300	1,800	2,800	1,100	1,700
Wisconsin	7,000	1.49	1,300	5,700	4,100	900	3,200	2,900	400	2,500
Total	23,200	4.95	7,000	16,200	13,700	4,200	9,500	9,500	2,800	6,700
Central										
Illinois 4/	3,511	.75	12	3,499	2,704	10	2,694	807	2	805
Indiana	1,919	.41	4	1,915	1,522	2	1,520	397	2	395
Iowa	1,904	.41	14	1,890	1,384	10	1,374	520	4	516
Kentucky	6,826	1.45	850	5,976	3,004	353	2,651	3,822	497	3,325
Missouri 4/	5,765	1.23	289	5,476	3,431	162	3,269	2,334	127	2,207
Ohio	2,890	.61	40	2,850	2,287	16	2,271	603	24	579
Total	22,815	4.86	1,209	21,606	14,332	553	13,779	8,483	656	7,827
Plains										
Kansas	1,391	.30	-	1,391	480	-	480	911	-	911
Nebraska	1,078	.23	157	921	250	50	200	828	107	721
North Dakota	465	.10	15	450	110	5	105	355	10	345
Oklahoma (West) 5/	-	-	-	-	-	-	-	-	-	-
South Dakota (East) 6/	630	.13	60	570	180	24	156	450	36	414
Texas (West) 5/	159	.03	37	122	47	11	36	112	26	86
Total	3,723	0.79	269	3,454	1,067	90	977	2,656	179	2,477
North	102,168	21.78	25,639	76,529	57,838	14,835	43,003	44,330	10,804	33,526
South Atlantic										
North Carolina	14,729	3.14	7,665	7,064	9,417	5,799	3,618	5,312	1,866	3,446
South Carolina 4/	9,142	1.95	4,806	4,336	6,322	3,515	2,807	2,820	1,291	1,529
Virginia	11,551	2.46	4,321	7,230	6,243	2,683	3,560	5,308	1,638	3,670
Total	35,422	7.55	16,792	18,630	21,982	11,997	9,985	13,440	4,795	8,645
Southeast										
Alabama	13,620	2.90	6,821	6,799	7,412	4,167	3,245	6,208	2,654	3,554
Florida 4/	7,357	1.57	5,374	1,983	4,273	3,279	994	3,084	2,095	989
Georgia	15,237	3.25	8,473	6,764	8,915	5,879	3,036	6,322	2,594	3,728
Mississippi 4/	9,251	1.97	3,331	5,920	6,746	2,519	4,227	2,505	812	1,693
Tennessee	5,993	1.28	873	5,120	3,661	682	2,979	2,332	191	2,141
Total	51,458	10.97	24,872	26,586	31,007	16,526	14,481	20,451	8,346	12,105
West Gulf										
Arkansas	15,187	3.24	7,018	8,169	8,342	4,498	3,844	6,845	2,520	4,325
Louisiana	13,933	2.97	3,761	10,172	8,670	2,734	5,936	5,263	1,027	4,236
Oklahoma (East) 5/	1,303	.28	612	691	655	409	246	648	203	445
Texas (East) 5/	10,266	2.19	6,069	4,197	5,957	3,866	2,091	4,309	2,203	2,106
Total	40,689	8.68	17,460	23,229	23,624	11,507	12,117	17,065	5,953	11,112
South	127,569	27.20	59,124	68,445	76,613	40,030	36,583	50,956	19,094	31,862
Pacific Northwest										
Douglas-fir subregion	117,222	25.00	115,499	1,723	90,603	89,926	677	26,619	25,573	1,046
Pine subregion	28,657	6.11	28,623	34	21,976	21,960	16	6,681	6,663	18
Total	145,879	31.11	144,122	1,757	112,579	111,886	693	33,300	32,236	1,064
Oregon	85,213	18.17	84,004	1,209	68,296	67,805	491	16,917	16,199	718
Washington	60,666	12.94	60,118	548	44,283	44,081	202	16,383	16,037	346
Total	145,879	31.11	144,122	1,757	112,579	111,886	693	33,300	32,236	1,064
California	44,600	9.51	44,600	-	41,250	41,250	-	3,350	3,350	-
North Rocky Mountain										
Idaho	14,024	2.99	14,015	9	9,969	9,962	7	4,055	4,053	2
Montana	14,137	3.01	13,937	200	8,241	8,149	92	5,896	5,788	108
South Dakota (West) 6/	868	.19	868	-	574	574	-	294	294	-
Wyoming	4,321	.92	4,106	215	2,271	2,171	100	2,050	1,935	115
Total	33,350	7.11	32,926	424	21,055	20,856	199	12,295	12,070	225
South Rocky Mountain										
Arizona	2,924	.62	2,924	-	2,456	2,456	-	468	468	-
Colorado	9,617	2.05	8,750	867	5,873	5,687	186	3,744	3,063	681
Nevada	100	.02	100	-	64	64	-	36	36	-
New Mexico	1,705	.36	1,705	-	1,284	1,284	-	421	421	-
Utah	1,096	.24	1,096	-	821	821	-	275	275	-
Total	15,442	3.29	14,575	867	10,498	10,312	186	4,944	4,263	681
West	239,271	51.02	236,223	3,048	185,382	184,304	1,078	53,889	51,919	1,970
All Regions	469,008	100.00	320,986	148,022	319,833	239,169	80,664	149,175	81,817	67,358

1/ Prepared by Forest Service, U.S. Dept. of Agr. Status beginning of 1945, except as footnoted 4/. Volume does not include bark. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

2/ Includes tops and limbs (tops only in softwoods) as well as portion of tree suitable for sawlogs. Minimum sizes of sawtimber trees: New England, Middle Atlantic: 9" D.B.H. in softwoods and 11" for hardwoods; Lake, Plains: 9" D.B.H.; Central: 10" D.B.H. (1) except in Illinois and Missouri with 9" for softwoods and 11" for hardwoods; South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and 13" for hardwoods (2) except in Florida, South Carolina and Mississippi with 9" for softwoods and 11" for hardwoods; Pacific Northwest (Pine subregion), North Rocky Mountain: in pine type 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H.; Pacific Northwest (Douglas-fir subregion) 15" D.B.H.; California: all except redwood type 12" D.B.H.; redwood type 24" D.B.H.

3/ Includes trees between 5" D.B.H. and minimum sawtimber size.

4/ Data from Forest Survey as follows: Missouri, Mississippi and South Carolina 1947; Illinois and New Hampshire 1948; Florida 1949.

5/ Volume in western and central portions of Oklahoma and Texas, included in Plains region; volume in eastern portions included in the West Gulf region.

6/ Volumes in the eastern and central portions of South Dakota included in the Plains; volume in the southwestern portion (Black Hills) included in North Rocky Mountain region.

Table 5.-Ownership of Commercial Forest Land of the United States, by State and Region 1/

ALL AREAS

State and Region	All ownerships	Federally owned or managed			State, county, and Municipal	Private
		Total	National Forest	Other		
	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres	Thousand acres
New England						
Connecticut	1,900	-	-	-	155	1,745
Maine	16,665	74	47	27	50	16,541
Massachusetts	3,297	24	1	23	271	3,002
New Hampshire 2/	4,682	585	580	5	97	4,000
Rhode Island	447	-	-	-	27	420
Vermont	3,820	172	161	11	84	3,564
Total	30,811	855	789	66	684	29,272
Middle Atlantic						
Delaware	442	2	-	2	7	433
Maryland	2,722	44	3	41	149	2,529
New Jersey	2,329	53	-	53	96	2,180
New York	11,114	75	-	75	732	10,307
Pennsylvania	15,127	470	442	28	2,514	12,143
West Virginia	9,852	832	820	12	115	8,905
Total	41,586	1,476	1,265	211	3,613	36,497
Lake						
Michigan	17,380	2,155	2,035	120	4,115	11,110
Minnesota	16,700	2,670	2,170	500	7,100	6,930
Wisconsin	16,265	1,670	1,250	420	3,590	11,005
Total	50,345	6,495	5,455	1,040	14,805	29,045
Central						
Illinois 2/	3,941	179	147	32	10	3,752
Indiana	3,358	104	79	25	76	3,178
Iowa	2,226	16	5	11	19	2,191
Kentucky	11,694	534	427	107	35	11,125
Missouri 2/	15,074	1,318	1,197	121	120	13,636
Ohio	4,779	72	72	-	108	4,599
Total	41,072	2,223	1,927	296	368	38,481
Plains						
Kansas	1,011	-	-	-	-	1,011
Nebraska	987	39	15	24	-	948
North Dakota	470	55	-	55	1	414
Oklahoma (West) 3/	-	-	-	-	-	-
South Dakota (East) 4/	618	215	15	200	3	400
Texas (West) 3/	240	23	-	23	-	217
Total	3,326	332	30	302	4	2,990
North:	167,140	11,381	9,466	1,915	19,474	136,285
South Atlantic						
North Carolina	17,997	1,312	960	352	242	16,443
South Carolina 2/	11,900	660	516	144	194	11,046
Virginia	14,377	1,453	1,266	187	107	12,817
Total	44,274	3,425	2,742	683	543	40,306
Southeast						
Alabama	18,800	886	613	273	121	17,793
Florida 2/	21,451	1,981	1,025	956	279	19,191
Georgia	21,107	1,202	646	556	72	19,833
Mississippi 2/	16,509	1,225	1,035	190	499	14,785
Tennessee	11,850	801	555	246	287	10,762
Total	89,717	6,095	3,874	2,221	1,258	82,364
West Gulf						
Arkansas	19,928	2,645	2,214	431	104	17,179
Louisiana	16,169	747	536	211	265	15,157
Oklahoma (East) 3/	4,308	619	163	456	23	3,666
Texas (East) 3/	10,548	673	648	25	16	9,859
Total	50,953	4,684	3,561	1,123	408	45,861
South:	184,944	14,204	10,177	4,027	2,209	168,531
Pacific Northwest:						
Douglas-fir subregion	26,027	10,201	7,682	2,519	2,616	13,210
Pine subregion	20,177	12,811	9,659	3,152	819	6,547
Total	46,204	23,012	17,341	5,671	3,435	19,757
Oregon	26,330	15,251	11,530	3,721	1,101	9,978
Washington	19,874	7,761	5,811	1,950	2,334	9,779
Total	46,204	23,012	17,341	5,671	3,435	19,757
California	16,405	8,099	7,684	415	23	8,283
North Rocky Mountain						
Idaho	10,149	6,436	5,838	598	925	2,788
Montana	14,758	10,122	9,118	1,004	699	3,937
South Dakota (West) 4/	1,147	920	918	2	4	223
Wyoming	3,012	2,534	2,187	347	74	404
Total	29,066	20,012	18,061	1,951	1,702	7,352
South Rocky Mountain						
Arizona	2,815	2,744	2,058	686	30	41
Colorado	7,874	5,923	5,387	536	152	1,799
Nevada	98	24	24	-	-	74
New Mexico	3,465	2,405	2,020	385	149	911
Utah	1,530	1,349	1,276	73	49	132
Total	15,782	12,445	10,765	1,680	380	2,957
West:	107,457	63,568	53,851	9,717	5,540	38,349
All Regions:	459,541	89,153	73,494	15,659	27,223	343,165

1/ Prepared by Forest Service, U.S. Department of Agriculture. Includes land capable of producing timber of commercial quantity and quality, and available now or prospectively, for commercial use. Status beginning of 1945 except as footnoted 2/.

2/ Data from Forest Survey as follows: Missouri, Mississippi and South Carolina 1947; Illinois and New Hampshire 1948; Florida 1949.

3/ Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.

4/ Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in the North Rocky Mountain region.

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Table 6.-Ownership of Saw Timber on Commercial Forest Land of the United States, by State and Region. 1/

State and Region	All ownerships	Federally owned or managed			State, county & municipal	Private
		Total	National forest	Other		
	Million bd.ft.	Million bd.ft.	Million bd.ft.	Million bd.ft.	Million bd.ft.	Million bd.ft.
New England						
Connecticut	1,642	-	-	-	145	1,497
Maine	36,787	155	91	64	116	36,516
Massachusetts	4,670	27	1	26	316	4,327
New Hampshire 2/	9,713	1,614	1,607	7	114	7,985
Rhode Island	153	-	-	-	8	145
Vermont	7,335	519	497	22	194	6,622
Total	60,300	2,315	2,196	119	893	57,092
Middle Atlantic						
Delaware	1,183	1	-	1	18	1,164
Maryland	4,030	44	5	39	182	3,804
New Jersey	2,188	31	-	31	84	2,073
New York	25,279	102	-	102	1,071	24,106
Pennsylvania	20,582	460	433	27	2,420	17,702
West Virginia	8,783	1,225	1,214	11	102	7,456
Total	62,045	1,863	1,652	211	3,877	56,305
Lake						
Michigan	24,140	430	405	25	660	23,050
Minnesota	11,590	2,890	2,600	290	3,770	4,930
Wisconsin	14,980	980	280	700	910	13,090
Total	50,710	4,300	3,285	1,015	5,340	41,070
Central						
Illinois 2/	10,346	423	339	84	27	9,896
Indiana	6,175	65	18	47	143	5,967
Iowa	5,344	28	2	26	46	5,270
Kentucky	12,392	786	689	97	44	11,562
Missouri 2/	11,898	1,058	975	83	98	10,742
Ohio	9,135	90	90	-	277	8,768
Total	55,290	2,450	2,113	337	635	52,205
Plains						
Kansas	2,880	-	-	-	-	2,880
Nebraska	1,500	3	-	3	-	1,497
North Dakota	434	28	-	28	-	406
Oklahoma (West) 3/	-	-	-	-	-	-
South Dakota (East) 4/	720	97	3	94	1	622
Texas (West) 3/	196	10	-	10	-	186
Total	5,730	138	3	135	1	5,591
North	234,075	11,066	9,249	1,817	10,746	212,263
South Atlantic						
North Carolina	42,241	2,724	1,844	880	640	38,877
South Carolina 2/	29,523	1,696	1,378	318	345	27,482
Virginia	25,320	1,769	1,359	410	240	23,311
Total	97,084	6,189	4,581	1,608	1,225	89,670
Southeast						
Alabama	33,361	1,182	929	253	55	32,124
Florida 2/	20,594	2,291	1,831	960	240	18,063
Georgia	40,543	1,784	1,282	502	48	38,711
Mississippi 2/	29,328	3,176	2,603	573	945	25,207
Tennessee	14,222	912	618	294	154	13,156
Total	138,048	9,345	6,763	2,582	1,442	127,261
West Gulf						
Arkansas	37,528	3,487	3,009	478	47	33,994
Louisiana	36,895	589	500	89	725	35,581
Oklahoma(East) 3/	3,048	145	24	121	41	2,862
Texas (East) 3/	27,488	1,354	1,340	14	34	26,100
Total	104,959	5,575	4,873	702	847	98,537
South	340,091	21,109	16,217	4,892	3,514	315,468
Pacific Northwest						
Douglas-fir subregion	504,931	265,641	208,384	57,257	35,354	203,936
Pine subregion	125,963	92,860	70,177	22,683	3,856	29,247
Total	630,894	358,501	278,561	79,940	39,210	233,183
Oregon	381,389	243,552	179,096	64,456	7,452	130,385
Washington	249,505	114,949	99,465	15,484	31,758	102,798
Total	630,894	358,501	278,561	79,940	39,210	233,183
California	227,565	104,192	99,770	4,422	157	123,216
North Rocky Mountain						
Idaho	60,796	32,821	30,601	2,220	7,721	20,254
Montana	52,515	35,057	31,688	3,369	2,946	14,512
South Dakota (West) 4/	2,866	2,467	2,466	1	8	391
Wyoming	11,052	10,196	8,886	1,310	153	703
Total	127,229	80,541	73,641	6,900	10,828	35,860
South Rocky Mountain						
Arizona	16,270	16,017	11,550	4,467	105	148
Colorado	27,658	24,841	23,566	1,275	319	2,498
Nevada	367	89	89	-	-	278
New Mexico	8,471	6,405	5,610	795	407	1,659
Utah	4,102	3,831	3,716	115	123	148
Total	56,868	51,183	44,531	6,652	954	4,731
West	1,042,556	594,417	496,503	97,914	51,149	396,990
All Regions	1,616,722	626,592	521,969	104,623	65,409	924,721

1/ Prepared by Forest Service, U.S. Department of Agriculture. Status beginning of 1945 except as footnoted 2/. Includes trees large enough for sawlogs in accordance with the practice of the region regardless of the actual use. Volumes are on lumber-tally basis. This volume occurs on land capable of producing timber of commercial quantity and quality and available or prospectively for commercial use. Minimum sizes of saw-timber trees: New England, Middle Atlantic: 9" D.B.H. for softwood and 11" for hardwood; Lake, Plains: 9" D.B.H.; Central: 10" D.B.H. except in Illinois and Missouri with 9" for softwood and 11" for hardwood; South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods except in Florida, South Carolina, and Mississippi with 9" for softwoods and 11" for hardwoods; Pacific Northwest (pine subregion) North Rocky Mountain, and South Rocky Mountain: in the pine type, 11" D.B.H. for pine, cedar and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H.; Pacific Northwest (Douglas-fir subregion) 15" D.B.H.; California: all except redwood type 12" D.B.H.; redwood type 24" D.B.H.

2/ Data from Forest Survey as follows: Missouri, Mississippi and South Carolina 1947; Illinois and New Hampshire 1948; Florida 1949.

3/ Volumes in western and central portions of Oklahoma and Texas included in the Plains region; those in the eastern portions included in the West Gulf region.

4/ Volumes in eastern and central portions of South Dakota included in the Plains; those in the southwestern portion (Black Hills) included in North Rocky Mountain region.

Table 7.- Current Annual Growth of All Timber and of Sawtimber on Commercial Forest Land in the United States, by State and Region 1/

State and region	All timber growth 2/			Sawtimber growth 3/		
	Total	Softwood	Hardwood	Total	Softwood	Hardwood
	Million Cubic feet	Million Cubic feet	Million Cubic feet	Million Board feet	Million Board feet	Million Board feet
New England						
Connecticut	55	6	49	107	14	93
Maine	397	252	145	760	491	269
Massachusetts	123	32	91	242	96	146
New Hampshire	182	73	109	389	174	215
Rhode Island	6	1	5	9	1	8
Vermont	134	55	79	292	134	158
Total	897	419	478	1,799	910	889
Middle Atlantic						
Delaware	29	11	18	62	27	35
Maryland	104	52	52	202	105	97
New Jersey	65	25	40	103	37	66
New York	392	84	308	785	191	594
Pennsylvania	566	75	491	1,111	193	918
West Virginia	241	26	215	449	44	405
Total	1,397	273	1,124	2,712	597	2,115
Lake						
Michigan	295	48	247	519	96	423
Minnesota	302	101	201	420	176	244
Wisconsin	215	29	186	464	74	390
Total	812	178	634	1,403	346	1,057
Central						
Illinois	104	-	104	208	1	207
Indiana	137	1	136	298	2	296
Iowa	121	1	120	295	2	293
Kentucky	475	59	416	638	83	555
Missouri	341	32	309	388	37	351
Ohio	262	2	260	421	3	418
Total	1,440	95	1,345	2,248	128	2,120
Plains						
Kansas	51	-	51	82	-	82
Nebraska	36	6	30	58	10	48
North Dakota	10	1	9	16	1	15
Oklahoma (West) 4/	-	-	-	-	-	-
South Dakota (East) 5/	17	2	15	26	4	22
Texas (West) 4/	6	2	4	11	4	7
Total	120	11	109	193	19	174
North	4,666	976	3,690	8,355	2,000	6,355
South Atlantic						
North Carolina	721	438	283	2,589	1,835	754
South Carolina	454	284	170	1,733	1,234	499
Virginia	586	285	301	1,784	947	837
Total	1,761	1,007	754	6,106	4,016	2,090
Southeast						
Alabama	750	452	298	2,021	1,392	629
Florida	310	202	108	989	767	222
Georgia	740	507	233	2,501	1,995	506
Mississippi	667	264	403	1,866	904	962
Tennessee	247	55	192	847	226	621
Total	2,714	1,480	1,234	8,224	5,284	2,940
West Gulf						
Arkansas	670	338	332	1,929	1,186	743
Louisiana	631	244	387	1,893	970	923
Oklahoma (East) 4/	55	27	28	137	95	42
Texas (East) 4/	560	424	136	1,649	1,368	281
Total	1,916	1,033	883	5,608	3,619	1,989
South	6,391	3,520	2,871	19,938	12,919	7,019
Pacific Northwest						
Douglas-fir subregion	1,024	992	32	3,741	3,669	72
Pine subregion	219	219	-	483	483	-
Total	1,243	1,211	32	4,224	4,152	72
Oregon	659	640	19	2,483	2,432	51
Washington	584	571	13	1,741	1,720	21
Total	1,243	1,211	32	4,224	4,152	72
California	335	335	-	1,160	1,160	-
North Rocky Mountain						
Idaho	302	302	6/-	826	826	7/-
Montana	162	159	3	418	414	4
South Dakota (West) 5/	12	12	6/-	22	22	7/-
Wyoming	64	64	6/-	40	40	7/-
Total	540	537	3	1,306	1,302	4
South Rocky Mountain						
Arizona	30	30	-	94	94	-
Colorado	130	112	18	145	142	3
Nevada	1	1	-	1	1	-
New Mexico	23	23	-	58	58	-
Utah	11	11	-	20	20	-
Total	195	177	18	318	315	3
West	2,313	2,260	53	7,008	6,929	79
All regions	13,370	6,756	6,614	35,301	21,848	13,453

1/ Prepared by Forest Service, U.S. Dept. of Agr. Status beginning of 1945. Includes growth on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

2/ Annual growth of all trees 5" D.B.H. and larger, including tops and limbs (top only in softwoods) of sawtimber trees and total volume of trees reaching 5" in D.B.H. each year. Bark not included.

3/ Annual growth on the trees above the following minimum sawtimber sizes and total volume of trees reaching these minimum sizes each year, all on lumber-tally basis: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods; Lake, Plains: 9" D.B.H.; Central: 10" D.B.H.; South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods; Pacific Northwest (Pine subregion), North Rocky Mountain, South Rocky Mountain: in the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H.; Pacific Northwest (Douglas-fir subregion): 15" D.B.H.; California: all except redwood type 12" D.B.H.; redwood type 24" D.B.H.

4/ Growth in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

5/ Growth in eastern and central portions of South Dakota included in the Plains; that in the southwestern portion (Black Hills) included in North Rocky Mountain region.

6/ Less than 500,000 cubic feet.

7/ Less than 500,000 board feet.

Table 8.- Annual Drain From All Timber and From Saw Timber on Commercial Forest Lands of the United States by Regions 1/

Region	All Timber 2/			Sawtimber 3/		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	Million cu.ft.	Million cu.ft.	Million cu.ft.	Million bd.ft.	Million bd.ft.	Million bd.ft.
New England	761	375	386	2,204	1,438	766
Middle Atlantic	846	180	666	2,304	582	1,722
Lake	747	323	424	2,006	839	1,167
Central	1,201	49	1,152	2,342	120	2,222
Plains	118	7	111	176	11	165
North	3,673	934	2,739	9,032	2,990	6,042
South Atlantic	1,596	1,063	533	6,144	4,301	1,843
Southeast	3,023	1,789	1,234	11,924	7,538	4,386
West Gulf	1,842	851	991	6,831	3,798	3,033
South	6,461	3,703	2,758	24,899	15,637	9,262
Pacific Northwest						
Douglas-fir subregion	2,150	2,145	5	12,006	11,981	25
Pine subregion	468	468	-	2,526	2,526	-
Total	2,618	2,613	5	14,532	14,507	25
California	489	489	-	3,158	3,158	-
North Rocky Mountain	316	310	6	1,792	1,763	29
South Rocky Mountain	104	102	2	480	475	5
West	3,527	3,514	13	19,962	19,903	59
All Regions	13,661	8,151	5,510	53,893	38,530	15,363

1/ Prepared by Forest Service, U. S. Dept. of Agriculture. Includes timber cut for commodities, 1944, and timber removed by destructive agencies (fire, insects, disease, wind, etc.), the latter an average for the 10-year period 1934-1943. This drain comes from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

2/ Annual drain of all trees 5" D.B.H. and larger, including tops and limbs (tops only in softwoods) of saw timber trees and total volume of trees reaching 5" in D.B.H. each year. Bark not included.

3/ Annual drain on trees above the following minimum saw timber sizes and total volume of trees reaching these minimum sizes each year. All on lumber-tally basis: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods; Lake, Plains: 9" D.B.H.; Central: 10" D.B.H.; South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress, and 13" for hardwoods; Pacific Northwest (Pine subregion), North Rocky Mountain, South Rocky Mountain: in the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H.; Pacific Northwest (Douglas-fir subregion): 15" D.B.H.; California: All except redwood type, 12" D.B.H.; redwood type, 24" D.B.H.

Table 9.- Annual Drain from All Timber and from Saw Timber on Commercial Forest Land of the United States by Cutting for Commodities and by Destructive Agencies 1/

Item	All Timber Drain 2/			Saw Timber Drain 3/		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	Million Cu.ft.	Million Cu.ft.	Million Cu.ft.	Million Bd.ft.	Million Bd.ft.	Million Bd.ft.
TIMBER CUT FOR COMMODITIES						
Lumber	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood	2,203	719	1,484	3,863	1,957	1,906
Pulpwood	1,306	1,163	143	4,757	4,500	257
Hewed ties	363	153	210	1,643	777	866
Fence posts	220	59	161	226	82	144
Veneer logs	392	165	227	1,971	942	1,029
Mine timbers	225	40	185	320	70	250
Cooperage	174	40	134	744	195	549
Shingles	72	72	-	334	334	-
Other	516	159	357	1,409	604	805
Total	12,182	7,348	4,834	49,658	35,591	14,067
TIMBER REMOVED BY DESTRUCTIVE AGENCIES						
Fire	460	247	213	859	547	312
Insects, disease, wind, etc.	1,019	556	463	3,376	2,392	984
Total	1,479	803	676	4,235	2,939	1,296
Aggregate	13,661	8,151	5,510	53,893	38,530	15,363

1/ Prepared by Forest Service, U.S. Dept. of Agr. Commodity drain for 1944; drain by destructive agencies, average for the 10-year period 1934-1943. Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

2/ Drain from all trees 5" D.B.H. and larger, bark not included.

3/ Drain (lumber-tally basis) from trees above the following minimum saw timber sizes:
New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods.
Lake, Plains: 9" D.B.H.
Central: 10" D.B.H.
South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress, and 13" for hardwoods.
Pacific Northwest (pine subregion), North Rocky Mountain, South Rocky Mountain: in the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H.
Pacific Northwest (Douglas-fir subregion) 15" D.B.H.
California: All except redwood type, 12" D.B.H.; redwood type, 24" D.B.H.

Revised September 1950

Table 10. — Volume of Saw Timber in the United States by Species and by State and Region 1/

EASTERN SOFTWOODS

State and region	Total	Southern yellow pine	Spruce and fir 2/	White and Norway pine	Hemlock	Cypress	Others
	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
New England							
Connecticut	258	2	1	93	160	...	2
Maine	24,279	...	16,554	4,091	2,362	...	1,272
Massachusetts	1,946	117	136	993	681	...	19
New Hampshire 3/	5,911	103	1,343	3,241	1,186	...	38
Rhode Island	22	...	...	21	1	...	...
Vermont	3,334	...	2,056	800	408	...	70
Total	35,750	222	20,090	9,239	4,798	...	1,401
Middle Atlantic							
Delaware	519	518	...	...	...	...	1
Maryland	1,779	1,729	1	14	20	...	15
New Jersey	783	666	...	23	39	...	55
New York	6,926	52	2,441	1,700	2,595	...	138
Pennsylvania	3,087	947	21	1,234	885	...	...
West Virginia	923	123	255	79	457	...	9
Total	14,017	4,035	2,718	3,050	3,996	...	218
Lake							
Michigan	7,400	...	1,510	1,090	4,560	...	240
Minnesota	4,940	...	1,690	1,370	...	...	1,880
Wisconsin	3,330	...	400	1,230	1,390	...	310
Total	15,670	...	3,600	3,690	5,950	...	2,430
Central							
Illinois 3/	40	...	...	...	...	40 5/	...
Indiana	6	3	...	1	...	1	1
Iowa	43	...	...	6	...	...	37
Kentucky	1,611	1,078	...	149	335	37	12
Missouri 3/	729	483	...	...	...	194	52
Ohio	73	60	...	3	8	...	2
Total	2,502	1,624	...	159	343	272	104
Plains							
Kansas	...	...	...	...	...	...	...
Nebraska	300	...	...	...	...	...	300 4/
North Dakota	20	...	...	...	...	...	20 4/
Oklahoma (West)	...	...	...	...	...	...	...
South Dakota (East)	96	...	...	...	...	...	96 4/
Texas (West)	52	51	...	...	...	1	...
Total	468	51	...	...	...	1	416 4/
North:	68,407	5,932	26,408	16,138	15,087	273	4,569
South Atlantic							
North Carolina	27,962	25,761	40	397	430	969	365
South Carolina 3/	17,560	16,188	...	16	33	1,292	31
Virginia	12,002	11,042	...	407	245	202	106
Total	57,524	52,991	40	820	708	2,463	502
Southeast							
Alabama	20,681	20,250	...	...	...	209	222
Florida 3/	15,877	12,691	...	...	...	3,095	91
Georgia	28,941	27,120	...	136	...	570	1,115
Mississippi 3/	12,379	11,563	...	...	...	802	14
Tennessee	2,916	2,078	...	199	142	241	256
Total	80,794	73,702	...	335	142	4,917	1,698
West Gulf							
Arkansas	22,315	22,308	...	...	...	...	7
Louisiana	13,930	12,981	...	...	...	547	402
Oklahoma (East)	2,044	2,038	...	...	...	1	5
Texas (East)	19,183	19,164	...	...	...	...	19
Total	57,472	56,491	...	...	...	548	433
South:	195,790	183,184	40	1,155	850	7,928	2,633
All North and South	264,197	189,116	26,448	17,293	15,937	8,201	7,202

1/ Prepared by Forest Service, U.S. Dept. of Agr. Status beginning of 1945, except for States footnoted 3/.
2/ Balsam fir.
3/ Data from Forest Survey as follows: Missouri, Mississippi and South Carolina 1947; Illinois and New Hampshire 1948; Florida 1949.
4/ Ponderosa pine. The total volume of ponderosa pine in the United States is 185,441 million board feet, including the 416 million feet in the Plains region.
5/ Includes red cedar.

Table 10.- Volume of Sawtimber in the United States by Species and by State and Region 1/ - Continued.

State and Region	EASTERN HARDWOODS							
	Total	Oak	Beech, birch, & maple	Sweet-gum	Tupelo & black gum	Cottonwood and aspen	Yellow-poplar	Other
	Million bd.ft.	Million bd.ft.	Million bd.ft.	Million bd.ft.	Million bd.ft.	Million bd.ft.	Million bd.ft.	Million bd.ft.
New England								
Connecticut	1,384	830	415	-	-	13	28	98
Maine	12,508	139	11,046	-	-	1,234	-	89
Massachusetts	2,724	1,036	1,497	-	-	54	28	109
New Hampshire 2/	3,802	347	2,921	-	-	15	-	519
Rhode Island	131	114	9	-	-	-	-	8
Vermont	4,001	70	3,800	-	-	61	-	70
Total	24,550	2,536	19,688	-	-	1,377	56	893
Middle Atlantic								
Delaware	664	339	46	-	-	-	20	259
Maryland	2,251	1,195	299	-	-	11	225	521
New Jersey	1,405	815	98	-	-	1	56	435
New York	18,353	1,835	13,397	-	-	918	184	2,019
Pennsylvania	17,495	11,114	3,705	-	-	206	206	2,264
West Virginia 2/	7,860	3,714	1,765	-	-	18	1,019	1,344
Total	48,028	19,012	19,310	-	-	1,154	1,710	6,842
Lake								
Michigan	16,740	880	11,600	-	-	1,890	-	2,370
Minnesota	6,650	670	980	-	-	3,250	-	1,750
Wisconsin	11,650	3,540	4,510	-	-	1,240	-	2,360
Total	35,040	5,090	17,090	-	-	6,380	-	6,480
Central								
Illinois 2/	10,306	5,832	864	-	-	299	181 5/	3,130
Indiana 3/	6,169	2,581	1,618	86	31	167	334	1,352
Iowa	5,301	1,795	481	-	-	1,422	-	1,603
Kentucky 3/	10,781	6,010	2,070	285	87	12	1,400	917
Missouri 2/	11,169	7,538	287	-	-	419	-	2,925
Ohio 3/	9,062	3,606	2,686	3	113	39	390	2,225
Total	52,788	27,362	8,006	374	231	2,358	2,305	12,152
Plains								
Kansas 4/	2,880	605	-	-	-	605	-	1,670
Nebraska 4/	1,200	36	-	-	-	1,092	-	72
North Dakota	414	9	-	-	-	355	-	50
Oklahoma (West)	-	-	-	-	-	-	-	-
South Dakota(East) 3/	624	-	-	-	-	362	-	262
Texas (West)	144	52	-	36	3	-	-	53
Total	5,262	702	-	36	3	2,414	-	2,107
North	165,668	54,702	64,094	410	234	13,683	4,071	28,474
South Atlantic								
North Carolina 3/	14,279	4,361	1,100	2,550	2,810	-	1,463	1,995
South Carolina 2/	11,963	2,626	689	2,425	3,397	-	1,208	1,618
Virginia 3/	13,318	6,211	944	1,194	974	-	2,195	1,800
Total	39,560	13,198	2,733	6,169	7,181	-	4,866	5,413
Southeast								
Alabama	12,680	4,226	-	2,529	1,423	-	1,201	3,301
Florida 2/	4,717	1,086	188	629	1,578	-	-	1,236
Georgia	11,602	3,308	-	2,314	2,538	-	960	2,482
Mississippi 2/	16,949	6,749	546	3,113	1,262	454	500	4,325
Tennessee 3/	11,306	6,229	1,210	927	204	214	1,256	1,266
Total	57,254	21,598	1,944	9,512	7,005	668	3,917	12,610
West Gulf								
Arkansas	15,213	7,035	-	2,525	779	584	-	4,290
Louisiana	22,965	8,226	-	4,323	3,470	250	-	6,696
Oklahoma (East)	1,004	680	-	57	34	-	-	233
Texas (East)	8,305	4,169	-	1,736	764	-	-	1,636
Total	47,487	20,110	-	8,641	5,047	834	-	12,855
South	144,301	54,906	4,677	24,322	19,233	1,502	8,783	30,878
All North & South 3/	309,969	109,608	68,771	24,732	19,467	15,185	12,854	59,352

1/ Prepared by Forest Service, U.S. Dept. of Agr. Status beginning of 1945, except as footnoted 2/.

2/ Data from Forest Survey as follows: Missouri, Mississippi and South Carolina 1947; Illinois and New Hampshire 1948; Florida 1949.

3/ Dead chestnut of sawlog size, still standing and usable, not included, as follows:

West Virginia	453	Million board feet
North Carolina	342	"
Virginia	548	"
Tennessee	706	"
Total for North & South	2,049	"

Also small quantity in Indiana, Kentucky, Ohio and elsewhere.

4/ Volume by species determined for Kansas by prorating to species according to data in forest survey reported in Kansas Agr. Exp. Sta. Bul. 285. For Nebraska, total prorated to species according to 1942 Census of lumber production. For South Dakota, total prorated to species according to data on forest survey reported in 1936 by Lake States Forest Exp. Sta. in cooperation with South Dakota State Planning Board.

5/ Includes basswood.

Table 10.— Volume of Saw Timber in the United States by Species and by Region 1/ Continued

WESTERN SPECIES

Region	Total	Douglas-fir	Ponderosa pine	True firs	Western hemlock	Sugar pine and western white pine	Redwood	Spruce	Larch	Lodgepole pine	Other softwoods	Hardwoods
	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
Pacific Northwest												
Douglas-fir sub-region	504,951	310,525	4,850	46,464	94,469	6,171	...	8,020	145	37	30,386	3,866
Pine sub-region	125,963	20,704	75,348	11,390	1,386	1,918	...	...	8,582	1,134	5,414	87
Total	630,894	331,227	80,198	57,854	95,855	8,089	...	8,020	8,727	1,171	35,800	3,953
California	227,565	2/ 68,613	3/51,191	4/ 43,012	...	19,505	5/ 38,114	...	...	...	7,130	...
North Rocky Mountain	127,229	26,718	26,771	9,360	1,352	12,650	...	12,499	17,879	14,406	4,678	936
South Rocky Mountain	56,868	3,470	26,865	3,315	...	...	...	15,361	...	6,483	458	916
West	1,042,556	430,028	6/185,025	113,541	97,207	40,224	38,114	35,880	26,606	22,060	48,066	5,805

1/ Prepared by Forest Service, U.S. Dept. of Agr. Status beginning of 1945.

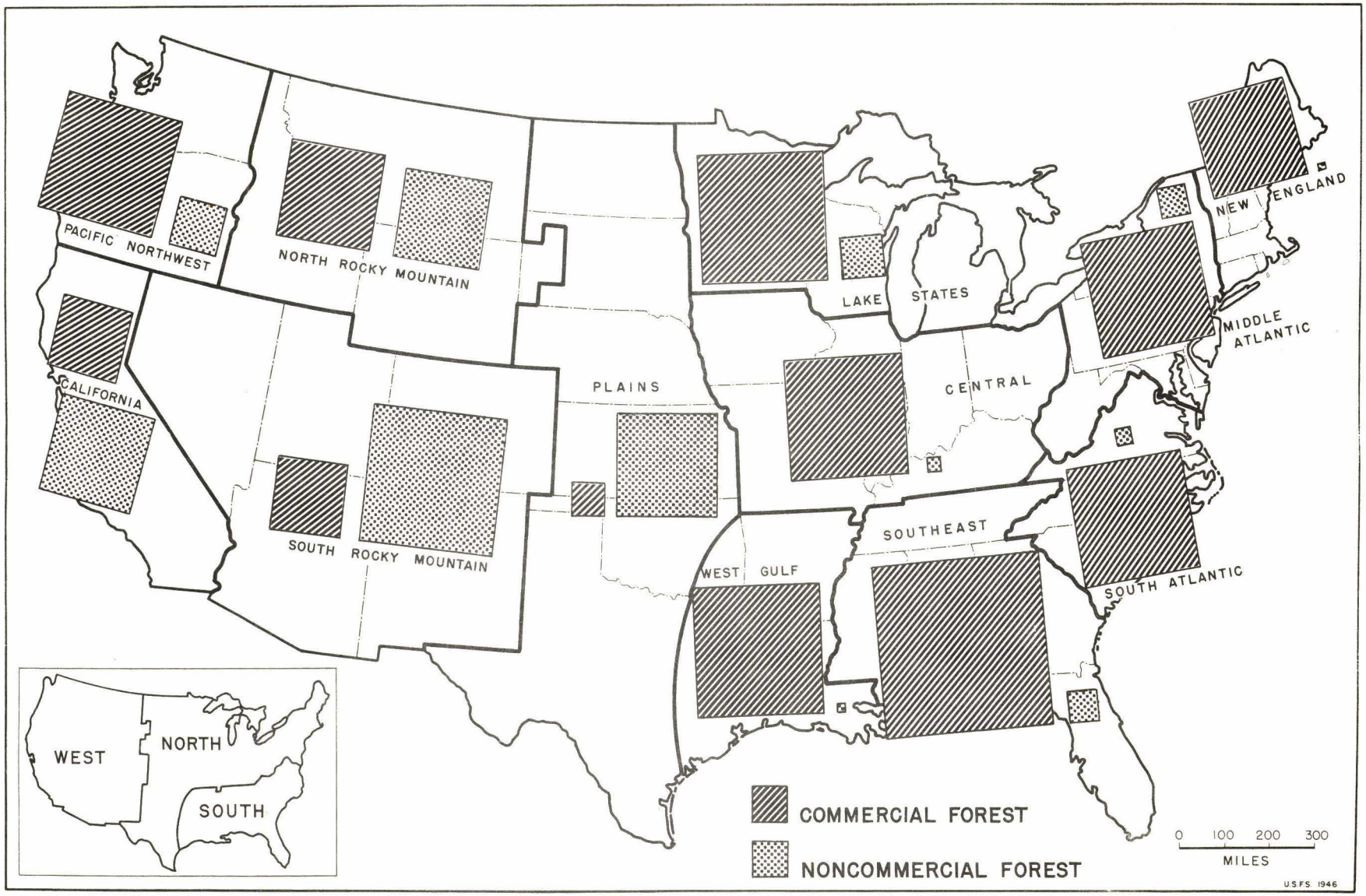
2/ May include some white fir, Sitka spruce, western hemlock, Port Orford cedar and western red cedar which are commonly lumped with Douglas-fir in redwood cruising.

3/ Includes Jeffrey pine.

4/ Includes the western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.

5/ Redwood exclusive of volume of 1,000 bigtree reported on cruises in the west-side Sierra sub-region.

6/ Excludes 416 million board feet in Plains Region. Grand total of ponderosa pine in the United States is 185,441 million board feet.



DISTRIBUTION OF THE FOREST LANDS OF THE UNITED STATES BY REGIONS